

BIG SANDY AREA OCCUPATIONAL OUTLOOK TO 2005

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PREFACE

The Labor Market Information in this publication is based on a vast array of labor market statistics collected and developed by the staff of the Research and Statistics (R & S) Branch of the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within the R & S Branch developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in this study. This is a statewide survey of approximately 11,000 employers representing the various industries in Kentucky. The employment data used to project industries to the year 2005 were based on the Current Employment Statistics (CES) and the Employment and Wages (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 1996 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2005 publications for each Area Development District listed below.

| | |
|-------------------------|---------------------------------|
| Purchase Area | Buffalo Trace and Gateway Areas |
| Pennyrile Area | FIVCO Area |
| Green River Area | Big Sandy Area |
| Barren River Area | Kentucky River Area |
| Lincoln Trail Area | Cumberland Valley Area |
| Louisville (KIPDA) Area | Lake Cumberland Area |
| Northern Kentucky Area | Bluegrass Area |

The projections and this publication are funded by the U. S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U. S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The personal computer-based model used for the occupational projections was developed by the Utah Department of Economic Security. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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INTRODUCTION

Which jobs will be in demand in the Big Sandy Area from now until the year 2005? Which occupations will provide the most job openings each year through 2005? Which occupations are likely to grow the fastest from 1994 to 2005? The *Big Sandy Area Occupational Outlook to 2005* offers some insight into these questions. Students, job seekers, counselors, employers and others should find this report helpful as a resource for the occupational outlook of the Big Sandy Area through 2005.

This report contains highlights and a user's guide to occupational outlook statistics that provide answers to frequently asked questions about occupational outlook statistics. Also included are tables of the top 50 Big Sandy Area occupations with the most annual job openings and the top 50 fastest-growing Big Sandy Area occupations. The Big Sandy Area Occupational Employment Outlook and Job Openings table beginning on page 9 provides occupational employment projections for these top occupations and many other occupations as well. This table also presents, for each of these occupations, the number and percentage of change in employment and the average number of job openings each year from 1994 through 2005.

While this study provides projections of occupational trends and job openings in the Big Sandy Area, it should be stressed that the estimates are subject to limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Big Sandy Area will look like in 2005. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available. For a detailed description of the projection methods, assumptions and limitations, please reference pages 49-52 in the **Kentucky Occupational Outlook to 2005**.

The estimates in this report reflect only the demand for labor from 1994 through 2005. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes which are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

HIGHLIGHTS

- Big Sandy Area employment is expected to grow from 52,886 to 58,787 between 1994 and 2005, a gain of 10.8 percent.
- Between 1994 and 2005, the total annual job openings are expected to be approximately 1,641.
- Approximately 1,119 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- Approximately 30 percent of job openings will result from growth and the remaining 70 percent will result from separations from the labor force.
- The greatest number of job openings will be in the Professional, Paraprofessional and Technical Occupations (391), followed closely by the Service Occupations (360) and the Marketing and Sales Occupations (348).
- Particular occupations with the greatest percentage of change from 1994 to 2005 in the Big Sandy Area are Physical Therapists (112.1%), Mobile Home Installers and Repairers (111.1%) and Physical and Corrective Therapy Assistants and Aides (102.9%).
- The largest growth rates between 1994 and 2005 are expected in the Service Occupations (27.4%), Marketing and Sales Occupations (24.5%) and the Professional, Paraprofessional and Technical Occupations (24.4%).
- The top two Big Sandy Area occupations with the most annual job openings will be Cashiers (157) and Retail Salespersons (81).

A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

What creates job openings?

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

What causes employment change?

Industrial growth or decline has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

Technological change can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

New ways of doing business such as self service, out-sourcing, or 24-hour operations can affect employment change.

Then what about employment separations?

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

Do workers tend to leave one occupation more than another?

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

What factors affect the number of job openings for an occupation?

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

Which factor is more important?

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

What is the best way to compare one occupation with another?

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 50
Big Sandy Area Occupations With The Most Annual Job Openings**

| <u>Occupation Code</u> | <u>Occupational Title</u> | <u>Job Openings</u> | | |
|--|---------------------------------------|---------------------------------------|--------------------|--------------|
| | | <u>Average Annual 1994 - 2005</u> | | |
| | | <u>Growth</u> | <u>Separations</u> | <u>Total</u> |
| <u>Executive, Administrative & Managerial Occupations</u> | | | | |
| 19005 | General Manages & Top Executives | 13 | 27 | 40 |
| 15026 | Food Service & Lodging Managers | 9 | 6 | 15 |
| <u>Professional, Paraprofessional & Technical Occupations</u> | | | | |
| 31305 | Teachers, Elementary | 18 | 27 | 45 |
| 32502 | Registered Nurses | 29 | 12 | 41 |
| 31308 | Teachers, Secondary School | 7 | 24 | 31 |
| 32505 | Licensed Practical Nurses | 15 | 9 | 24 |
| 31311 | Teachers, Special Education | 14 | 6 | 20 |
| 28108 | Lawyers | 14 | 5 | 19 |
| 31521 | Teachers Aides, Paraprofessional | 10 | 5 | 15 |
| 32102 | Physicians | 8 | 5 | 13 |
| 27308 | Human Services Workers | 7 | 2 | 9 |
| <u>Marketing & Sales Occupations</u> | | | | |
| 49023 | Cashiers | 65 | 92 | 157 |
| 49011 | Salesperson, Retail | 36 | 45 | 81 |
| 41002 | Marketing & Sales, Supervisors | 17 | 14 | 31 |
| 49021 | Stock Clerks, Sales Floor | 11 | 16 | 27 |
| 49017 | Counter & Rental Clerks | 5 | 5 | 10 |
| 43005 | Brokers, Real Estate | 7 | 2 | 9 |
| <u>Administrative Support Occupations, Clerical</u> | | | | |
| 55347 | General Office Clerks | 6 | 22 | 28 |
| 55108 | Secretaries, except Legal & Medical | 8 | 17 | 25 |
| 51002 | Clerical Supervisors | 7 | 10 | 17 |
| 55305 | Receptionists & Information Clerks | 8 | 6 | 14 |
| 53905 | Teacher Aides & Education Assistants | 9 | 4 | 13 |
| 55338 | Bookkeeping, Accounting, Audit Clerks | -2 | 12 | 12 |
| 53102 | Bank Tellers | -6 | 12 | 12 |
| 55102 | Legal Secretaries | 7 | 3 | 10 |

Top 50
Big Sandy Area Occupations With The Most Annual Job Openings cont'd

| Occupation Code | Occupational Title | Job Openings | | |
|--|---|---------------------------------------|--------------------|--------------|
| | | Average Annual 1994 - 2005 | | |
| | | Growth | Separations | Total |
| <u>Service Occupations</u> | | | | |
| 66008 | Nursing Aides & Orderlies | 29 | 9 | 38 |
| 65041 | Combined Food Preparation & Service Workers | 19 | 9 | 28 |
| 65008 | Waiters & Waitresses | 9 | 18 | 27 |
| 67005 | Janitors & Cleaners | 9 | 14 | 23 |
| 65038 | Food Preparation Workers | 16 | 6 | 22 |
| 68005 | Hairdressers, Hairstylists | 10 | 9 | 19 |
| 68038 | Child Care Workers | 13 | 3 | 16 |
| 65032 | Cooks, Fast Food | 8 | 7 | 15 |
| 63047 | Guards | 8 | 7 | 15 |
| 67002 | Maids & Housekeeping Cleaners | 7 | 5 | 12 |
| 65028 | Cooks, Institution or Cafeteria | 1 | 11 | 12 |
| 66011 | Home Health Aides | 9 | 2 | 11 |
| 66005 | Medical Assistants | 8 | 3 | 11 |
| 65026 | Cooks, Restaurant | 6 | 5 | 11 |
| 63014 | Police Patrol Officers | 4 | 7 | 11 |
| <u>Precision Production, Craft & Repair Occupations</u> | | | | |
| 85302 | Automotive Mechanics | 9 | 10 | 19 |
| 81005 | First Line Supervisors, Construction | -18 | 17 | 17 |
| 87102 | Carpenters | 5 | 8 | 13 |
| 85132 | Maintenance Repairers, General Utilities | -3 | 13 | 13 |
| 85117 | Mine Machinery Mechanics | -15 | 11 | 11 |
| 85311 | Bus, Truck, Diesel Mechanics | 4 | 4 | 8 |
| <u>Operators, Fabricators & Laborers</u> | | | | |
| 97102 | Truck Drivers, Heavy | 13 | 29 | 42 |
| 97105 | Truck Drivers, Light | 11 | 10 | 21 |
| 97111 | Bus Drivers, School | 4 | 7 | 11 |
| 97938 | Grader, Dozer & Scraper Operators | -7 | 10 | 10 |

**Top 50
Fastest-Growing Big Sandy Area Occupations**

| Occupation Code | Occupation Title | Fastest-Growing Occupations | | | | Total |
|--|--|------------------------------------|------------------|--------------------|----------------|-----------------------|
| | | Employment | | Change | | Job Openings |
| | | Actual | Projected | 1994 - 2005 | | Average Annual |
| | | 1994 | 2005 | Number | Percent | 1994 - 2005 |
| <u>Executive, Administrative & Managerial Occupations</u> | | | | | | |
| 15008 | Medicine & Health Service Managers | 118 | 168 | 50 | 42.4 | 8 |
| 15026 | Food Service & Lodging Managers | 269 | 372 | 103 | 38.3 | 15 |
| 15017 | Construction Managers | 63 | 87 | 24 | 38.1 | 3 |
| <u>Professional, Paraprofessional Technical Occupations</u> | | | | | | |
| 32308 | Physical Therapists | 33 | 70 | 37 | 112.1 | 4 |
| 28305 | Paralegals | 56 | 107 | 51 | 91.1 | 6 |
| 34038 | Designers, Except Interior Designers | 51 | 91 | 40 | 78.4 | 5 |
| 27308 | Human Services Workers | 100 | 172 | 72 | 72.0 | 9 |
| 32302 | Respiratory Therapists | 75 | 122 | 47 | 62.7 | 5 |
| 27307 | Residential Counselors | 41 | 66 | 25 | 61.0 | 3 |
| 32908 | Dental Hygienists | 35 | 54 | 19 | 54.3 | 3 |
| 32314 | Speech Pathologist, Audiologist | 36 | 55 | 19 | 52.8 | 3 |
| 32514 | Opticians, Dispensing & Measuring | 28 | 42 | 14 | 50.0 | 2 |
| 27302 | Social Workers, Medical & Psychiatric | 118 | 176 | 58 | 49.2 | 7 |
| 32917 | Radiologic Technologists | 77 | 114 | 37 | 48.1 | 4 |
| 32518 | Pharmacy Technicians | 59 | 86 | 27 | 45.8 | 3 |
| 31311 | Teachers, Special Education | 333 | 485 | 152 | 45.7 | 20 |
| 28108 | Lawyers | 349 | 506 | 157 | 45.0 | 19 |
| 32502 | Registered Nurses | 775 | 1,093 | 318 | 41.0 | 41 |
| 32517 | Pharmacists | 99 | 135 | 36 | 36.4 | 5 |
| 32505 | Licensed Practical Nurses | 476 | 642 | 166 | 34.9 | 24 |
| <u>Marketing & Sales Occupations</u> | | | | | | |
| 49023 | Cashiers | 2,264 | 2,982 | 718 | 31.7 | 157 |
| <u>Administrative Support Occupations, Clerical</u> | | | | | | |
| 53123 | Adjustment Clerks | 100 | 151 | 51 | 51.0 | 6 |
| 55102 | Legal Secretaries | 161 | 235 | 74 | 46.0 | 10 |
| 53508 | Bill & Account Collectors | 82 | 115 | 33 | 40.2 | 4 |
| 55332 | Interviewing Clerks, Except Personnel | 36 | 50 | 14 | 38.9 | 2 |
| 55105 | Medical Secretaries | 72 | 100 | 28 | 38.9 | 4 |
| <u>Service Occupations</u> | | | | | | |
| 66017 | Physical & Corrective Therapy Assistants | 35 | 71 | 36 | 102.9 | 4 |
| 68035 | Personal & Home Care Aides | 37 | 71 | 34 | 91.9 | 4 |

**Top 50
Fastest-Growing Big Sandy Area Occupations cont'd**

| Occupation Code | Occupation Title | Fastest-Growing Occupations | | | | Total |
|--|---|------------------------------------|------------------|--------------------|----------------|-----------------------|
| | | Employment | | Change | | Job Openings |
| | | Actual | Projected | 1994 - 2005 | | Average Annual |
| | | 1994 | 2005 | Number | Percent | 1994 - 2005 |
| <u>Service Occupations cont'd</u> | | | | | | |
| 66011 | Home Health Aides | 151 | 252 | 101 | 66.9 | 11 |
| 66005 | Medical Assistants | 139 | 227 | 88 | 63.3 | 11 |
| 63017 | Correction Officers | 74 | 117 | 43 | 58.1 | 5 |
| 66008 | Nursing Aides & Orderlies | 598 | 919 | 321 | 53.7 | 38 |
| 66026 | Pharmacy Assistants | 46 | 68 | 22 | 47.8 | 3 |
| 66002 | Dental Assistants | 72 | 105 | 33 | 45.8 | 5 |
| 68038 | Child Care Workers | 308 | 449 | 141 | 45.8 | 16 |
| 63032 | Sheriffs & Deputy Sheriffs | 34 | 47 | 13 | 38.2 | 2 |
| 65038 | Food Preparation Workers | 485 | 664 | 179 | 36.9 | 22 |
| 68014 | Amusement & Recreation Attendants | 28 | 38 | 10 | 35.7 | 2 |
| 65026 | Cooks, Restaurant | 198 | 264 | 66 | 33.3 | 11 |
| 65035 | Cooks, Short Order | 102 | 134 | 32 | 31.4 | 6 |
| <u>Agriculture, Forestry, Fishing & Related Occupations</u> | | | | | | |
| 79038 | Lawn Maintenance Workers | 57 | 84 | 27 | 47.4 | 3 |
| <u>Precision Production, Craft & Repair Occupations</u> | | | | | | |
| 85938 | Mobile Home Repairers | 36 | 76 | 40 | 111.1 | 5 |
| 87708 | Paving, Surfacing, & Tamping Operators | 26 | 52 | 26 | 100.0 | 3 |
| 85902 | Heat, A/C, Refrigeration Mechanics | 65 | 99 | 34 | 52.3 | 4 |
| 89805 | Bakers, Manufacturing | 42 | 62 | 20 | 47.6 | 3 |
| 87311 | Concrete & Terrazzo Finishers | 47 | 66 | 19 | 40.4 | 3 |
| 85723 | Electrical Powerline Installers/Repairers | 81 | 109 | 28 | 34.6 | 5 |
| <u>Operators, Fabricators & Laborers</u> | | | | | | |
| 92974 | Packaging & Filling Machine Operators | 54 | 84 | 30 | 55.6 | 4 |
| 98705 | Refuse Collectors | 82 | 112 | 30 | 36.6 | 5 |
| 98905 | Vehicle Washers & Equipment Cleaners | 108 | 147 | 39 | 36.1 | 7 |

EXPLANATION OF DATA ELEMENTS ON THE OCCUPATIONAL OUTLOOK TABLE

1994 To 2005



Occupational Employment Outlook And Job Openings

| Occupational | | Employment | | Change | | Job Openings | | |
|--------------|-------|------------|-----------|-------------|---------|----------------------------|-------------|-------|
| | | 1994 | 2005 | 1994 - 2005 | | Average Annual 1994 - 2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |

OCCUPATIONAL CODE & OCCUPATIONAL TITLE

➤ The occupations in this report are based on the National *Occupational Employment Statistics* (OES) Title & Coding Structure.

EMPLOYMENT 1994 2005

➤ Occupational employment estimates for 1994 are based on the *Occupational Employment Statistics* (OES) survey of Kentucky employers, and the projected occupational estimates of employment to 2005 are based on industry projections and projected occupational change factors between 1994 and 2005.

NOTE:

➤ Occupational employment estimates for 1994 and 2005 include all classes of workers such as public and private wage and salary, agricultural, private household and self-employed.

CHANGE 1994 - 2005

- **Number** - Total number of jobs in an occupation gained or lost over the 1994 to 2005 period.
- **Percent** - Percent change in employment in an occupation over the 11-year projected period.

NOTE:

- In Kentucky, the average percent change over the 11-year period for all occupations is 17.3%; therefore, the following general rule applies:

An occupation is expected to experience:

- 1) average growth if percent change is between 15% and 20%;
- 2) very fast growth if > 35%;
- 3) fast growth if > 20% < 35%;
- 4) slow growth if > 5% < 15%;
- 5) very slow growth if > 0% < 5%;
- 6) declining or negative growth if < 0%.

AVERAGE ANNUAL JOB OPENINGS

➤ The **Growth** column provides estimates of job openings per year in an occupation which is expected to result from employment growth.

➤ The **Separations** column provides estimates of job openings per year in an occupation, resulting from workers separating or leaving the occupation, requiring replacement workers. These job openings occur from retirements, promotions or transfers within occupations.

➤ The **Total** column provides estimates of the total number of job openings expected to be created each year from employment growth (**Growth**), and/or workers leaving the occupation (**Separations**).

➤ If employment growth in an occupation is negative (that is, there is a decline in the number of workers employed in that occupation from 1994 to 2005), then "**Total**" job openings for that occupation will equal the number of "**Separations**." They are equal because the separation estimate already accounts for the negative employment growth.

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|---|--|---------------|---------------|--------------|-------------|--------------------------|--------------|--------------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 00000 Total, All Occupations | | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 10000 Executive, Administrative & Managerial Occupations | | 3,110 | 3,447 | 337 | 10.8 | 30 | 66 | 96 |
| 11000 | Managerial & Administrative Occupations | 3,110 | 3,447 | 337 | 10.8 | 30 | 66 | 96 |
| 13000 | Administrative Specialty Managers | 557 | 611 | 54 | 9.7 | 4 | 11 | 15 |
| 13002 | Financial Managers | 245 | 283 | 38 | 15.5 | 3 | 5 | 8 |
| 13005 | Personnel, Training, & Labor Relations Managers | 61 | 64 | 3 | 4.9 | 0 | 1 | 1 |
| 13008 | Purchasing Managers | 45 | 42 | -3 | -6.7 | 0 | 1 | 1 |
| 13011 | Marketing, Advertising & Public Relations Managers | 66 | 79 | 13 | 19.7 | 1 | 1 | 2 |
| 13014 | Administrative Services Managers | 88 | 86 | -2 | -2.3 | 0 | 2 | 2 |
| 13017 | Engineering, Math, & Natural Sciences Managers | 52 | 57 | 5 | 9.6 | 0 | 1 | 1 |
| 15000 | Line & Middle Management | 1,086 | 1,230 | 144 | 13.3 | 13 | 25 | 38 |
| 15002 | Postmasters & Mail Superintendents | 110 | 103 | -7 | -6.4 | -1 | 2 | 2 |
| 15005 | Education Administrators | 214 | 237 | 23 | 10.8 | 2 | 6 | 8 |
| 15008 | Medicine & Health Service Managers | 118 | 168 | 50 | 42.4 | 5 | 3 | 8 |
| 15011 | Property & Real Estate Managers | 72 | 65 | -7 | -9.7 | -1 | 1 | 1 |
| 15014 | Industrial Production Managers | 30 | 27 | -3 | -10.0 | 0 | 1 | 1 |
| 15017 | Construction Managers | 63 | 87 | 24 | 38.1 | 2 | 1 | 3 |
| 15021 | Mining & Related Managers | 123 | 83 | -40 | -32.5 | -4 | 3 | 3 |
| 15023 | Communication, Transportation & Utilities Manager | 74 | 69 | -5 | -6.8 | 0 | 2 | 2 |
| 15026 | Food Service & Lodging Managers | 269 | 372 | 103 | 38.3 | 9 | 6 | 15 |
| 15032 | Lawn Service Managers | * | * | * | * | * | * | * |
| 19000 | Other Managers & Administrators | 1,467 | 1,606 | 139 | 9.5 | 13 | 30 | 43 |
| 19002 | Government Chief Executives & Legislatures | * | * | * | * | * | * | * |
| 19005 | General Managers & Top Executives | 1,303 | 1,445 | 142 | 10.9 | 13 | 27 | 40 |
| 19999 | All Other Managers & Administrators | 151 | 147 | -4 | -2.7 | 0 | 3 | 3 |

Executive, Administrative & Managerial Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Professional, Paraprofessional & Technical Occupations

| Occupational | | Employment* | | Change | | Job Openings | | |
|--|---|---------------|---------------|--------------|--------------|--------------------------|--------------|--------------|
| Code Title | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| | | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 00000 Total, All Occupations | | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 20000 Professional, Paraprofessional, Technical Occupations | | 9,777 | 12,158 | 2,381 | 24.4 | 214 | 177 | 391 |
| 21000 | Management Support Occupations | 1,100 | 1,167 | 67 | 6.1 | 7 | 21 | 28 |
| 21100 | Accountants, Auditors, Financial Specialists | 440 | 478 | 38 | 8.6 | 4 | 7 | 11 |
| 21102 | Underwriters | * | * | * | * | * | * | * |
| 21105 | Credit Analysts | * | * | * | * | * | * | * |
| 21108 | Loan Officers & Counselors | 85 | 103 | 18 | 21.2 | 2 | 1 | 3 |
| 21111 | Tax Preparers | * | * | * | * | * | * | * |
| 21114 | Accountants & Auditors | 264 | 288 | 24 | 9.1 | 2 | 5 | 7 |
| 21117 | Budget Analysts | * | * | * | * | * | * | * |
| 21199 | All Other Financial Specialists | 47 | 47 | 0 | 0.0 | 0 | 1 | 1 |
| 21300 | Purchasing Agents & Buyers | 80 | 69 | -11 | -13.8 | -1 | 2 | 2 |
| 21302 | Wholesale & Retail Buyers, Except Farm | 32 | 31 | -1 | -3.1 | 0 | 1 | 1 |
| 21305 | Purchasing Agents & Buyers, Farm | * | * | * | * | * | * | * |
| 21308 | Purchasing Agents, Except Farm Products | 45 | 35 | -10 | -22.2 | -1 | 1 | 1 |
| 21500 | Personnel Specialists & Related Occupations | 129 | 128 | -1 | -0.8 | 0 | 3 | 3 |
| 21502 | Claims Takers, Unemployment Benefits | * | * | * | * | * | * | * |
| 21505 | Special Agents, Insurance | * | * | * | * | * | * | * |
| 21508 | Employment Interviewers | 40 | 35 | -5 | -12.5 | 0 | 1 | 1 |
| 21511 | Personnel, Training & Labor Relations Specialists | 76 | 80 | 4 | 5.3 | 0 | 2 | 2 |
| 21900 | All Other Management Support | 451 | 492 | 41 | 9.1 | 4 | 9 | 13 |
| 21902 | Cost Estimators | * | * | * | * | * | * | * |
| 21905 | Management Analysts | * | * | * | * | * | * | * |
| 21908 | Construction & Building Inspectors | * | * | * | * | * | * | * |
| 21911 | Inspectors & Compliance Officers, Ex. Construction | 295 | 308 | 13 | 4.4 | 1 | 6 | 7 |
| 21914 | Tax Examiners, Collectors & Revenue Agents | 30 | 29 | -1 | -3.3 | 0 | 1 | 1 |
| 21917 | Assessors | * | * | * | * | * | * | * |
| 21921 | Claims Examiners, Property & Casualty Insurance | * | * | * | * | * | * | * |
| 21999 | All Other Management Support Workers | 59 | 69 | 10 | 17.0 | 1 | 1 | 2 |
| 22000 | Engineers & Related Occupations | 527 | 549 | 22 | 4.2 | 3 | 10 | 13 |
| 22100 | Engineers | 175 | 193 | 18 | 10.3 | 2 | 4 | 6 |
| 22108 | Mining Engineers, Including Mine Safety Engineers | * | * | * | * | * | * | * |
| 22111 | Petroleum Engineers | * | * | * | * | * | * | * |
| 22114 | Chemical Engineers | * | * | * | * | * | * | * |
| 22121 | Civil Engineers, Including Traffic Engineers | 62 | 78 | 16 | 25.8 | 1 | 2 | 3 |
| 22126 | Electrical & Electronics Engineers | 27 | 36 | 9 | 33.3 | 1 | 1 | 2 |
| 22127 | Computer Engineers | * | * | * | * | * | * | * |
| 22128 | Industrial Engineers, Except Safety Engineers | * | * | * | * | * | * | * |
| 22132 | Safety Engineers, Except Mining | * | * | * | * | * | * | * |
| 22135 | Mechanical Engineers | * | * | * | * | * | * | * |
| 22199 | All Other Engineers | * | * | * | * | * | * | * |
| 22301 | Architects, Surveyors & Mapping Scientists | 77 | 83 | 6 | 7.8 | 1 | 2 | 3 |
| 22302 | Architects, Except Landscape & Marine | 28 | 36 | 8 | 28.6 | 1 | 1 | 2 |
| 22308 | Landscape Architects | * | * | * | * | * | * | * |
| 22311 | Surveying & Mapping Scientists | 44 | 41 | -3 | -6.8 | 0 | 1 | 1 |
| 22500 | Engineering & Related Technicians & Technologists | 275 | 273 | -2 | -0.7 | 0 | 4 | 4 |
| 22502 | Civil Engineering Technicians & Technologists | 95 | 97 | 2 | 2.1 | 0 | 2 | 2 |
| 22505 | Electrical & Electronic Technicians & Technologists | * | * | * | * | * | * | * |
| 22511 | Mechanical Engineering Technicians/Technologists | * | * | * | * | * | * | * |
| 22514 | Drafters | 79 | 85 | 6 | 7.6 | 1 | 1 | 2 |
| 22517 | Estimators & Drafters, Utilities | * | * | * | * | * | * | * |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|-------------|------------|------------|-------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 22521 | Surveying & Mapping Technicians | 51 | 35 | -16 | -31.4 | -1 | 1 | 1 |
| 22599 | All Other Engineering Technicians & Technologists | * | * | * | * | * | * | * |
| 24000 | Natural Scientists & Related Occupations | 142 | 152 | 10 | 7.0 | 1 | 2 | 3 |
| 24100 | Physical Scientists | 32 | 35 | 3 | 9.4 | 0 | 0 | 0 |
| 24105 | Chemists | * | * | * | * | * | * | * |
| 24111 | Geologists, Geophysicists, Oceanographers | * | * | * | * | * | * | * |
| 24199 | All Other Physical Scientists | * | * | * | * | * | * | * |
| 24300 | Life Scientists | * | * | * | * | * | * | * |
| 24302 | Foresters & Conservation Scientists | * | * | * | * | * | * | * |
| 24305 | Agricultural & Food Scientists | * | * | * | * | * | * | * |
| 24308 | Biological Scientists | * | * | * | * | * | * | * |
| 24311 | Medical Scientists | * | * | * | * | * | * | * |
| 24399 | All Other Life Scientists | * | * | * | * | * | * | * |
| 24500 | Physical & Life Science Technicians & Technologists | 88 | 95 | 7 | 8.0 | 1 | 2 | 3 |
| 24502 | Biological & Agriculture Technicians | * | * | * | * | * | * | * |
| 24505 | Chemical Technicians, Except Health | 50 | 50 | 0 | 0.0 | 0 | 1 | 1 |
| 24508 | Nuclear Technicians, Technologists | * | * | * | * | * | * | * |
| 24511 | Petroleum Technicians & Technologists | * | * | * | * | * | * | * |
| 24599 | All Other Science Technicians | 29 | 36 | 7 | 24.1 | 1 | 1 | 2 |
| 25000 | Computer, Mathematical & Related Occupations | 68 | 123 | 55 | 80.9 | 5 | 1 | 6 |
| 25100 | Computer Scientists & Related Workers | 65 | 120 | 55 | 84.6 | 5 | 1 | 6 |
| 25102 | Systems Analysts | * | * | * | * | * | * | * |
| 25103 | Database Administrators | * | * | * | * | * | * | * |
| 25104 | Computer Support Specialists | * | * | * | * | * | * | * |
| 25105 | Computer Programmers | * | * | * | * | * | * | * |
| 25108 | Computer Programmer Aides | * | * | * | * | * | * | * |
| 25199 | All Other Computer Scientists | * | * | * | * | * | * | * |
| 25301 | Mathematical Scientists & Related Workers | * | * | * | * | * | * | * |
| 25302 | Operations Research Analysts | * | * | * | * | * | * | * |
| 25313 | Actuaries | * | * | * | * | * | * | * |
| 25319 | Mathematicians & All Other Math Scientists | * | * | * | * | * | * | * |
| 27000 | Social Scientists, Recreation, Religion Occupations | 632 | 871 | 239 | 37.8 | 21 | 11 | 32 |
| 27100 | Social Scientists | 52 | 66 | 14 | 26.9 | 1 | 0 | 1 |
| 27102 | Economists | * | * | * | * | * | * | * |
| 27105 | Urban & Regional Planners | * | * | * | * | * | * | * |
| 27108 | Psychologists | 38 | 48 | 10 | 26.3 | 1 | 0 | 1 |
| 27199 | All Other Social Scientists | * | * | * | * | * | * | * |
| 27200 | Social, Recreational & Religious Workers | 580 | 805 | 225 | 38.8 | 20 | 11 | 31 |
| 27302 | Social Workers, Medical & Psychiatric | 118 | 176 | 58 | 49.2 | 5 | 2 | 7 |
| 27305 | Social Workers, Except Medical & Psychiatric | 104 | 124 | 20 | 19.2 | 2 | 2 | 4 |
| 27307 | Residential Counselors | 41 | 66 | 25 | 61.0 | 2 | 1 | 3 |
| 27308 | Human Services Workers | 100 | 172 | 72 | 72.0 | 7 | 2 | 9 |
| 27311 | Recreation Workers | 45 | 59 | 14 | 31.1 | 1 | 1 | 2 |
| 27502 | Clergy | 148 | 179 | 31 | 21.0 | 3 | 3 | 6 |
| 27505 | Directors, Religious Activities & Education | * | * | * | * | * | * | * |
| 27599 | All Other Religious Workers | * | * | * | * | * | * | * |
| 28000 | Law & Related Occupations | 496 | 712 | 216 | 43.6 | 20 | 7 | 27 |
| 28100 | Lawyers & Judicial Workers | 406 | 563 | 157 | 38.7 | 14 | 6 | 20 |
| 28102 | Judges & Magistrates | * | * | * | * | * | * | * |
| 28105 | Adjudicators, Hearing Officials & Judicial Reviewers | 43 | 43 | 0 | 0.0 | 0 | 1 | 1 |
| 28108 | Lawyers | 349 | 506 | 157 | 45.0 | 14 | 5 | 19 |
| 28300 | Legal Assistants and Technicians, Except Clerical | 90 | 149 | 59 | 65.6 | 6 | 1 | 7 |
| 28302 | Law Clerks | * | * | * | * | * | * | * |

Professional, Paraprofessional, & Technical Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Professional, Paraprofessional & Technical Occupations

| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|-------------------|-------------------|------------|-------------|--------------------------|-------------|------------|
| Code | Title | 1994 Estimated | 2005 Projected | 1994-2005 | | Average Annual 1994-2005 | | |
| | | | | Number | Percent | Growth | Separations | Total |
| 28305 | Paralegals | 56 | 107 | 51 | 91.1 | 5 | 1 | 6 |
| 28399 | All Other Legal Assistants | * | * | * | * | * | * | * |
| 31000 | Teachers, Librarians, & Counselors | 3,776 | 4,486 | 710 | 18.8 | 64 | 75 | 139 |
| 31100 | College, Junior College & University Faculty | 160 | 188 | 28 | 17.5 | 1 | 3 | 4 |
| 31111 | Lecturers | * | * | * | * | * | * | * |
| 31114 | Nursing Instructors | * | * | * | * | * | * | * |
| 31117 | Graduate Assistants, Teaching | * | * | * | * | * | * | * |
| 31202 | Life Science Teachers | 29 | 34 | 5 | 17.2 | 0 | 1 | 1 |
| 31204 | Chemistry Teachers | * | * | * | * | * | * | * |
| 31206 | Physics Teachers | * | * | * | * | * | * | * |
| 31209 | All Other Physical Sciences Teachers | * | * | * | * | * | * | * |
| 31210 | Social Sciences Teachers | * | * | * | * | * | * | * |
| 31212 | Health Specialties Teachers | * | * | * | * | * | * | * |
| 31216 | English & Foreign Language Teachers | * | * | * | * | * | * | * |
| 31218 | Art, Drama, & Music Teachers | * | * | * | * | * | * | * |
| 31222 | Engineering Teachers | * | * | * | * | * | * | * |
| 31224 | Mathematical Sciences Teachers | * | * | * | * | * | * | * |
| 31226 | Computer Science Teachers | * | * | * | * | * | * | * |
| 31299 | All Other Postsecondary Teachers | 38 | 45 | 7 | 18.4 | 1 | 1 | 2 |
| 31300 | Teachers & Instructors | 2,993 | 3,532 | 539 | 18.0 | 50 | 63 | 113 |
| 31302 | Teachers, Preschool & Kindergarten | 146 | 186 | 40 | 27.4 | 4 | 3 | 7 |
| 31305 | Teachers, Elementary | 1,274 | 1,471 | 197 | 15.5 | 18 | 27 | 45 |
| 31308 | Teachers, Secondary School | 859 | 939 | 80 | 9.3 | 7 | 24 | 31 |
| 31311 | Teachers, Special Education | 333 | 485 | 152 | 45.7 | 14 | 6 | 20 |
| 31314 | Teachers & Instructors, Vocational Education | 197 | 225 | 28 | 14.2 | 3 | 2 | 5 |
| 31317 | Instructors, Adult, (Non-Vocational) Education | * | * | * | * | * | * | * |
| 31321 | Instructors & Coaches, Sports & Physical Training | 45 | 59 | 14 | 31.1 | 1 | 0 | 1 |
| 31323 | Farm & Home Management Advisors | * | * | * | * | * | * | * |
| 31399 | All Other Teachers & Instructors | 111 | 131 | 20 | 18.0 | 2 | 1 | 3 |
| 31400 | Librarians, Archivists, Curators, & Related Workers | 623 | 766 | 143 | 23.0 | 13 | 9 | 22 |
| 31502 | Librarians, Professional | 90 | 93 | 3 | 3.3 | 0 | 2 | 2 |
| 31505 | Technical Assistants, Library | * | * | * | * | * | * | * |
| 31508 | Audio-Visual Specialists | * | * | * | * | * | * | * |
| 31511 | Curators, Archivists, Museum Technicians/Restorers | * | * | * | * | * | * | * |
| 31514 | Counselors | 102 | 121 | 19 | 18.6 | 2 | 2 | 4 |
| 31517 | Instructional Coordinators | 40 | 47 | 7 | 17.5 | 1 | 0 | 1 |
| 31521 | Teacher Aides, Paraprofessional | 373 | 486 | 113 | 30.3 | 10 | 5 | 15 |
| 32000 | Health Practitioners, Technicians & Related Workers | 2,593 | 3,542 | 949 | 36.6 | 84 | 43 | 127 |
| 32101 | Health Diagnosing & Treating Occupations | 404 | 511 | 107 | 26.5 | 9 | 7 | 16 |
| 32102 | Physicians | 304 | 393 | 89 | 29.3 | 8 | 5 | 13 |
| 32105 | Dentists | 64 | 75 | 11 | 17.2 | 1 | 2 | 3 |
| 32108 | Optometrists | * | * | * | * | * | * | * |
| 32113 | Chiropractors | * | * | * | * | * | * | * |
| 32114 | Veterinarians & Veterinary Inspectors | * | * | * | * | * | * | * |
| 32300 | Therapists | 161 | 277 | 116 | 72.1 | 10 | 3 | 13 |
| 32302 | Respiratory Therapists | 75 | 122 | 47 | 62.7 | 4 | 1 | 5 |
| 32305 | Occupational Therapists | * | * | * | * | * | * | * |
| 32308 | Physical Therapists | 33 | 70 | 37 | 112.1 | 3 | 1 | 4 |
| 32314 | Speech-Language Pathologists & Audiologist | 36 | 55 | 19 | 52.8 | 2 | 1 | 3 |
| 32317 | Recreational Therapists | * | * | * | * | * | * | * |
| 32399 | All Other Therapists | * | * | * | * | * | * | * |
| 32501 | Health Care Maintenance & Treatment Occupations | 1,651 | 2,226 | 575 | 34.8 | 51 | 28 | 79 |
| 32502 | Registered Nurses | 775 | 1,093 | 318 | 41.0 | 29 | 12 | 41 |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|-------------|------------|------------|-------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 32505 | Licensed Practical Nurses | 476 | 642 | 166 | 34.9 | 15 | 9 | 24 |
| 32508 | Emergency Medical Technicians | 185 | 189 | 4 | 2.2 | 0 | 3 | 3 |
| 32511 | Physician Assistants | * | * | * | * | * | * | * |
| 32514 | Opticians, Dispensing & Measuring | 28 | 42 | 14 | 50.0 | 1 | 1 | 2 |
| 32517 | Pharmacists | 99 | 135 | 36 | 36.4 | 3 | 2 | 5 |
| 32518 | Pharmacy Technicians | 59 | 86 | 27 | 45.8 | 2 | 1 | 3 |
| 32521 | Dietitians & Nutritionists | * | * | * | * | * | * | * |
| 32523 | Dietetic Technicians | * | * | * | * | * | * | * |
| 32901 | Health Technicians & Technologists | 377 | 528 | 151 | 40.1 | 14 | 5 | 19 |
| 32902 | Medical & Clinical Laboratory Technologists | 62 | 70 | 8 | 12.9 | 1 | 1 | 2 |
| 32905 | Medical & Clinical Laboratory Technicians | 65 | 76 | 11 | 16.9 | 1 | 1 | 2 |
| 32908 | Dental Hygienists | 35 | 54 | 19 | 54.3 | 2 | 1 | 3 |
| 32911 | Medical Records Technicians | * | * | * | * | * | * | * |
| 32914 | Nuclear Medicine Technologists | * | * | * | * | * | * | * |
| 32917 | Radiologic Technologists | 77 | 114 | 37 | 48.1 | 3 | 1 | 4 |
| 32921 | Radiologic Technicians | * | * | * | * | * | * | * |
| 32926 | EKG Technicians | * | * | * | * | * | * | * |
| 32928 | Surgical Technologists | * | * | * | * | * | * | * |
| 32931 | Psychiatric Technicians | * | * | * | * | * | * | * |
| 32951 | Veterinary Technicians & Technologists | * | * | * | * | * | * | * |
| 32999 | All Other Health Professionals/Paraprofessionals | 76 | 107 | 31 | 40.8 | 3 | 1 | 4 |
| 34000 | Writers, Editors, Artists, Entertainers, & Athletes | 301 | 380 | 79 | 26.3 | 6 | 4 | 10 |
| 34001 | Writers, Editors, Artists, Entertainers, & Athletes | 301 | 380 | 79 | 26.3 | 6 | 4 | 10 |
| 34002 | Writers & Editors | 34 | 45 | 11 | 32.4 | 1 | 1 | 2 |
| 34005 | Technical Writers | * | * | * | * | * | * | * |
| 34008 | Public Relations Specialists, Publicity Writers | * | * | * | * | * | * | * |
| 34011 | Reporters & Correspondents | * | * | * | * | * | * | * |
| 34014 | Broadcast News Analysts | * | * | * | * | * | * | * |
| 34017 | Announcers, Radio & Television | 26 | 32 | 6 | 23.1 | 1 | 1 | 2 |
| 34023 | Photographers | * | * | * | * | * | * | * |
| 34026 | Camera Operators, TV, Motion Picture, & Video | * | * | * | * | * | * | * |
| 34028 | Broadcast Technicians | * | * | * | * | * | * | * |
| 34032 | Film Editors | * | * | * | * | * | * | * |
| 34035 | Artists & Commercial Artists | * | * | * | * | * | * | * |
| 34038 | Designers, Except Interior Designers | 51 | 91 | 40 | 78.4 | 4 | 1 | 5 |
| 34041 | Interior Designers | * | * | * | * | * | * | * |
| 34044 | Merchandise Displayers & Window Dressers | * | * | * | * | * | * | * |
| 34047 | Music Director, Singers & Related Musicians | 33 | 40 | 7 | 21.2 | 1 | 1 | 2 |
| 34051 | Musicians, Instrumental | 29 | 31 | 2 | 6.9 | 0 | 0 | 0 |
| 34056 | Producers, Directors, Actors & Entertainers | * | * | * | * | * | * | * |
| 34058 | Athletes, Coaches, Umpires, & Related Workers | * | * | * | * | * | * | * |
| 39000 | Other Professionals, Paraprofessionals, Technicians | 142 | 176 | 34 | 23.9 | 3 | 3 | 6 |
| 39001 | Other Professionals, Paraprofessionals, Technicians | 142 | 176 | 34 | 23.9 | 3 | 3 | 6 |
| 39008 | Radio Operators | * | * | * | * | * | * | * |
| 39011 | Funeral Directors & Morticians | 49 | 58 | 9 | 18.4 | 1 | 1 | 2 |
| 39014 | Embalmers | * | * | * | * | * | * | * |
| 39999 | All Other Professionals, Paraprofessionals, Tech. | 78 | 100 | 22 | 28.2 | 2 | 2 | 4 |

Professional, Paraprofessional, & Technical Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------|--------------|
| Code | Title | 1994 Estimated | 2005 Projected | 1994-2005 Number | 1994-2005 Percent | Average Annual 1994-2005 | | |
| | | | | | | Growth | Separations | Total |
| 00000 | Total, All Occupations | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 40000 | Marketing & Sales Occupations | 6,731 | 8,380 | 1,649 | 24.5 | 148 | 200 | 348 |
| 41000 | Marketing & Sales, Supervisors | 763 | 955 | 192 | 25.2 | 17 | 14 | 31 |
| 41001 | Marketing & Sales, Supervisors | 763 | 955 | 192 | 25.2 | 17 | 14 | 31 |
| 41002 | Marketing & Sales, Supervisors | 763 | 955 | 192 | 25.2 | 17 | 14 | 31 |
| 43000 | Marketing & Sales, Services | 543 | 678 | 135 | 24.9 | 12 | 10 | 22 |
| 43001 | Marketing & Sales, Services | 543 | 678 | 135 | 24.9 | 12 | 10 | 22 |
| 43002 | Insurance Sales Workers | 106 | 130 | 24 | 22.6 | 2 | 2 | 4 |
| 43005 | Brokers, Real Estate | 81 | 93 | 12 | 14.8 | 1 | 2 | 3 |
| 43008 | Sales Agents, Real Estate | 228 | 228 | 0 | 0.0 | 0 | 4 | 4 |
| 43011 | Real Estate Appraisers | * | * | * | * | * | * | * |
| 43014 | Securities & Financial Services, Sales | * | * | * | * | * | * | * |
| 43017 | Sales Agents, Selected Business Services | 55 | 69 | 14 | 25.5 | 1 | 1 | 2 |
| 43021 | Travel Agents | * | * | * | * | * | * | * |
| 43023 | Sales Agents, Advertising | 34 | 42 | 8 | 23.5 | 1 | 1 | 2 |
| 43099 | All Other Sales Representatives & Services | * | * | * | * | * | * | * |
| 49000 | All Other Sales, Total | 5,425 | 6,747 | 1,322 | 24.4 | 119 | 176 | 295 |
| 49001 | All Other Sales | 5,425 | 6,747 | 1,322 | 24.4 | 119 | 176 | 295 |
| 49002 | Sales Engineers | * | * | * | * | * | * | * |
| 49005 | Sales Representatives, Scientific Products/Services | 60 | 59 | -1 | -1.7 | 0 | 1 | 1 |
| 49008 | Other Sales Representatives, Excluding Retail | 356 | 350 | -6 | -1.7 | -1 | 9 | 9 |
| 49011 | Salespersons, Retail | 1,483 | 1,880 | 397 | 26.8 | 36 | 45 | 81 |
| 49014 | Salespersons, Parts | 145 | 168 | 23 | 15.9 | 2 | 4 | 6 |
| 49017 | Counter & Rental Clerks | 164 | 214 | 50 | 30.5 | 5 | 5 | 10 |
| 49021 | Stock Clerks, Sales Floor | 809 | 930 | 121 | 15.0 | 11 | 16 | 27 |
| 49023 | Cashiers | 2,264 | 2,982 | 718 | 31.7 | 65 | 92 | 157 |
| 49026 | Telemarketers, Door-To-Door Sales, Street Vendors | 47 | 50 | 3 | 6.4 | 0 | 1 | 1 |
| 49032 | Demonstrators, Promoters, Models | * | * | * | * | * | * | * |
| 49999 | All Other Sales & Related Workers | 76 | 91 | 15 | 19.7 | 1 | 3 | 4 |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|---|---------------|---------------|--------------|-------------|--------------------------|--------------|--------------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 00000 | Total, All Occupations | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 50000 | Administrative Support Occupations, Clerical | 7,087 | 7,612 | 525 | 7.4 | 48 | 135 | 183 |
| 51000 | Administrative Support, Supervisors | 386 | 467 | 81 | 21.0 | 7 | 10 | 17 |
| 51001 | Administrative Support, Supervisors | 386 | 467 | 81 | 21.0 | 7 | 10 | 17 |
| 51002 | Clerical Supervisors & Managers | 386 | 467 | 81 | 21.0 | 7 | 10 | 17 |
| 53000 | Industry Specific Support Occupations | 1,419 | 1,554 | 135 | 9.5 | 13 | 28 | 41 |
| 53100 | Bank, Security, Finance, Credit | 589 | 574 | -15 | -2.6 | -1 | 16 | 16 |
| 53102 | Bank Tellers | 321 | 253 | -68 | -21.2 | -6 | 12 | 12 |
| 53105 | New Accounts Clerks, Banking | 56 | 59 | 3 | 5.4 | 0 | 2 | 2 |
| 53108 | Transit Clerks | * | * | * | * | * | * | * |
| 53111 | Loan Interviewers | * | * | * | * | * | * | * |
| 53114 | Credit Authorizers | * | * | * | * | * | * | * |
| 53117 | Credit Checkers | * | * | * | * | * | * | * |
| 53121 | Loan & Credit Clerks | 78 | 81 | 3 | 3.9 | 0 | 1 | 1 |
| 53123 | Adjustment Clerks | 100 | 151 | 51 | 51.0 | 5 | 1 | 6 |
| 53126 | Statement Clerks | * | * | * | * | * | * | * |
| 53128 | Brokerage Clerks | * | * | * | * | * | * | * |
| 53300 | Selected Insurance Workers | 83 | 96 | 13 | 15.7 | 1 | 0 | 1 |
| 53302 | Insurance Adjusters, Examiners & Investigators | * | * | * | * | * | * | * |
| 53308 | Insurance Examining Clerks | * | * | * | * | * | * | * |
| 53311 | Insurance Claims Clerks | 35 | 44 | 9 | 25.7 | 1 | 0 | 1 |
| 53314 | Insurance Policy Processing Clerks | 30 | 29 | -1 | -3.3 | 0 | 0 | 0 |
| 53500 | Investigative & Related Workers | 249 | 268 | 19 | 7.6 | 2 | 3 | 5 |
| 53502 | Welfare Eligibility Workers & Interviewers | 166 | 152 | -14 | -8.4 | -1 | 2 | 2 |
| 53505 | Investigators, Clerical | * | * | * | * | * | * | * |
| 53508 | Bill & Account Collectors | 82 | 115 | 33 | 40.2 | 3 | 1 | 4 |
| 53700 | Court, Municipal, & License Clerks | 79 | 87 | 8 | 10.1 | 1 | 1 | 2 |
| 53702 | Court Clerks | 52 | 58 | 6 | 11.5 | 1 | 1 | 2 |
| 53705 | Municipal Clerks | * | * | * | * | * | * | * |
| 53708 | License Clerks | * | * | * | * | * | * | * |
| 53800 | Lodging & Travel Workers | 39 | 46 | 7 | 18.0 | 1 | 2 | 3 |
| 53805 | Reservation & Transportation Ticket Agents | * | * | * | * | * | * | * |
| 53808 | Hotel Desk Clerks | 34 | 41 | 7 | 20.6 | 1 | 2 | 3 |
| 53900 | Other Industry Specific Workers | 380 | 483 | 103 | 27.1 | 9 | 6 | 15 |
| 53902 | Library Assistants & Bookmobile Drivers | 57 | 61 | 4 | 7.0 | 0 | 2 | 2 |
| 53905 | Teacher Aides & Educational Assistants | 316 | 413 | 97 | 30.7 | 9 | 4 | 13 |
| 53908 | Advertising Clerks | * | * | * | * | * | * | * |
| 53911 | Proofreaders & Copy Markers | * | * | * | * | * | * | * |
| 53914 | Real Estate Clerks | * | * | * | * | * | * | * |
| 55000 | General Office & Secretarial Occupations | 3,814 | 4,148 | 334 | 8.8 | 30 | 72 | 102 |
| 55100 | Secretaries | 1,183 | 1,373 | 190 | 16.1 | 18 | 21 | 39 |
| 55102 | Legal Secretaries | 161 | 235 | 74 | 46.0 | 7 | 3 | 10 |
| 55105 | Medical Secretaries | 72 | 100 | 28 | 38.9 | 3 | 1 | 4 |
| 55108 | Secretaries, Except Legal & Medical | 950 | 1,038 | 88 | 9.3 | 8 | 17 | 25 |
| 55300 | General Office Occupations | 2,631 | 2,775 | 144 | 5.5 | 12 | 51 | 63 |
| 55302 | Stenographers | * | * | * | * | * | * | * |
| 55305 | Receptionists & Information Clerks | 294 | 380 | 86 | 29.3 | 8 | 6 | 14 |
| 55307 | Typists, Including Word Processing | 104 | 83 | -21 | -20.2 | -2 | 1 | 1 |
| 55314 | Personnel Clerks, Except Payroll & Timekeeping | * | * | * | * | * | * | * |
| 55317 | Correspondence Clerks | * | * | * | * | * | * | * |
| 55321 | File Clerks | 60 | 61 | 1 | 1.7 | 0 | 2 | 2 |

Administrative Support Occupations, Clerical

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Administrative Support Occupations - Clerical

| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|-------------|------------|------------|--------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 55323 | Order Clerks: Materials, Service, & Merchandise | 91 | 95 | 4 | 4.4 | 0 | 2 | 2 |
| 55326 | Procurement Clerks | * | * | * | * | * | * | * |
| 55328 | Statistical Clerks | * | * | * | * | * | * | * |
| 55332 | Interviewing Clerks, Ex Personnel/Social Welfare | 36 | 50 | 14 | 38.9 | 1 | 1 | 2 |
| 55335 | Customer Service Representatives, Utilities | 61 | 72 | 11 | 18.0 | 1 | 1 | 2 |
| 55338 | Bookkeeping, Accounting, Auditing Clerks | 797 | 780 | -17 | -2.1 | -2 | 12 | 12 |
| 55341 | Payroll & Timekeeping Clerks | 55 | 47 | -8 | -14.6 | -1 | 1 | 1 |
| 55344 | Billing, Cost & Rate Clerks | 122 | 134 | 12 | 9.8 | 1 | 3 | 4 |
| 55347 | General Office Clerks | 945 | 1,012 | 67 | 7.1 | 6 | 22 | 28 |
| 56000 | Electronic Data Processing & Office Machine | 158 | 132 | -26 | -16.5 | -2 | 3 | 3 |
| 56001 | Electronic Data Processing & Office Machine | 158 | 132 | -26 | -16.5 | -2 | 3 | 3 |
| 56002 | Billing, Posting, & Calculating Machine Operators | * | * | * | * | * | * | * |
| 56005 | Duplicating Machine Operators | * | * | * | * | * | * | * |
| 56008 | Mail Machine Operators, Preparation & Handling | * | * | * | * | * | * | * |
| 56011 | Computer Operators, Except Peripheral Equipment | 38 | 29 | -9 | -23.7 | -1 | 1 | 1 |
| 56014 | Peripheral EDP Equipment Operators | * | * | * | * | * | * | * |
| 56017 | Data Entry Keyers, Except Composing | 82 | 78 | -4 | -4.9 | 0 | 1 | 1 |
| 56099 | All Other Office Machine Operators | * | * | * | * | * | * | * |
| 57000 | Communications, Mail, Distribution Occupations | 282 | 281 | -1 | -0.4 | 1 | 5 | 6 |
| 57100 | Communications Equipment Operators | 62 | 65 | 3 | 4.8 | 1 | 1 | 2 |
| 57102 | Switchboard Operators | 47 | 54 | 7 | 14.9 | 1 | 1 | 2 |
| 57105 | Directory Assistance Operators | * | * | * | * | * | * | * |
| 57108 | Central Office Operators | * | * | * | * | * | * | * |
| 57111 | Telegraph & Teletype Operators | * | * | * | * | * | * | * |
| 57300 | Mail & Message Distribution Workers | 220 | 216 | -4 | -1.8 | 0 | 4 | 4 |
| 57302 | Mail Clerks, Except Mail Machine/Postal Service | * | * | * | * | * | * | * |
| 57305 | Postal Mail Carriers | 46 | 44 | -2 | -4.4 | 0 | 1 | 1 |
| 57308 | Postal Service Clerks | 130 | 121 | -9 | -6.9 | -1 | 2 | 2 |
| 57311 | Messengers | 28 | 35 | 7 | 25.0 | 1 | 1 | 2 |
| 58000 | Material Recording, Scheduling, Distributing | 880 | 881 | 1 | 0.1 | -1 | 15 | 15 |
| 58001 | Material Recording, Scheduling, Distributing | 880 | 881 | 1 | 0.1 | -1 | 15 | 15 |
| 58002 | Dispatchers: Police, Fire, & Ambulance | 51 | 54 | 3 | 5.9 | 0 | 1 | 1 |
| 58005 | Dispatchers, Except Police, Fire, & Ambulance | 77 | 85 | 8 | 10.4 | 1 | 1 | 2 |
| 58008 | Production, Planning & Expediting Clerks | * | * | * | * | * | * | * |
| 58011 | Transportation Agents | * | * | * | * | * | * | * |
| 58014 | Meter Readers, Utilities | 42 | 36 | -6 | -14.3 | -1 | 1 | 1 |
| 58017 | Weighers, Measurers, Checkers, Samplers | 47 | 36 | -11 | -23.4 | -1 | 1 | 1 |
| 58021 | Marking Clerks | * | * | * | * | * | * | * |
| 58023 | Stock Clerks: Stockroom, Warehouse, or Yard | 332 | 330 | -2 | -0.6 | 0 | 7 | 7 |
| 58026 | Order Fillers, Wholesale & Retail Sales | 98 | 78 | -20 | -20.4 | -2 | 2 | 2 |
| 58028 | Traffic, Shipping & Receiving Clerks | 163 | 174 | 11 | 6.8 | 1 | 2 | 3 |
| 58099 | All Other Material Recording & Related | * | * | * | * | * | * | * |
| 59000 | All Other Clerical Occupations | 148 | 149 | 1 | 0.7 | 0 | 2 | 2 |
| 59100 | All Other Clerical & Administrative Support | 148 | 149 | 1 | 0.7 | 0 | 2 | 2 |
| 59999 | All Other Clerical & Administrative Support | 148 | 149 | 1 | 0.7 | 0 | 2 | 2 |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|-------------|-----------|-----------|---------|--------------------------|-------------|-------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 00000 | Total, All Occupations | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 60000 | Service Occupations | 7,737 | 9,856 | 2,119 | 27.4 | 187 | 173 | 360 |
| 61000 | First Line Supervisors, Service | 295 | 366 | 71 | 24.1 | 6 | 8 | 14 |
| 61001 | First Line Supervisors, Service | 295 | 366 | 71 | 24.1 | 6 | 8 | 14 |
| 61002 | Fire Fighting & Prevention Supervisors | * | * | * | * | * | * | * |
| 61005 | Police & Detective Supervisors | 29 | 32 | 3 | 10.3 | 0 | 1 | 1 |
| 61008 | Institutional Cleaning Supervisors | * | * | * | * | * | * | * |
| 61099 | All Other Service Supervisors | 217 | 279 | 62 | 28.6 | 6 | 5 | 11 |
| 62000 | Private Household Workers | 274 | 205 | -69 | -25.2 | -5 | 7 | 7 |
| 62001 | Private Household Workers | 274 | 205 | -69 | -25.2 | -5 | 7 | 7 |
| 62021 | Cooks, Private Household | * | * | * | * | * | * | * |
| 62031 | Housekeepers & Butlers, Private | * | * | * | * | * | * | * |
| 62041 | Childcare Workers, Private Household | 94 | 82 | -12 | -12.8 | -1 | 4 | 4 |
| 62051 | Cleaners & Servants, Private Household | 162 | 113 | -49 | -30.3 | -4 | 3 | 3 |
| 63000 | Protective Service Occupations | 805 | 1,026 | 221 | 27.5 | 18 | 22 | 40 |
| 63001 | Protective Service Occupations | 805 | 1,026 | 221 | 27.5 | 18 | 22 | 40 |
| 63002 | Fire Inspectors | * | * | * | * | * | * | * |
| 63005 | Forest Fire Inspectors & Prevention | * | * | * | * | * | * | * |
| 63008 | Fire Fighters | 81 | 97 | 16 | 19.8 | 1 | 3 | 4 |
| 63011 | Police Detectives & Investigators | * | * | * | * | * | * | * |
| 63014 | Police Patrol Officers | 166 | 214 | 48 | 28.9 | 4 | 7 | 11 |
| 63017 | Correction Officers | 74 | 117 | 43 | 58.1 | 4 | 1 | 5 |
| 63021 | Parking Enforcement Officers | * | * | * | * | * | * | * |
| 63023 | Bailiffs | * | * | * | * | * | * | * |
| 63028 | Criminal Investigators, Federal | * | * | * | * | * | * | * |
| 63032 | Sheriffs & Deputy Sheriffs | 34 | 47 | 13 | 38.2 | 1 | 1 | 2 |
| 63035 | Detectives, Except Public | * | * | * | * | * | * | * |
| 63038 | Railroad & Transit Police | * | * | * | * | * | * | * |
| 63041 | Fish & Game Wardens | * | * | * | * | * | * | * |
| 63044 | Crossing Guards | * | * | * | * | * | * | * |
| 63047 | Guards | 361 | 452 | 91 | 25.2 | 8 | 7 | 15 |
| 63099 | Other Protective Service Occupations | 35 | 37 | 2 | 5.7 | 0 | 3 | 3 |
| 65000 | Food, Beverage Preparation & Service Occupations | 3,244 | 3,980 | 736 | 22.7 | 67 | 81 | 148 |
| 65001 | Food & Beverage Preparation/Service Occupations | 3,244 | 3,980 | 736 | 22.7 | 67 | 81 | 148 |
| 65002 | Hosts & Hostesses: Restaurant/Lounge/Coffee Shop | 55 | 72 | 17 | 30.9 | 2 | 2 | 4 |
| 65005 | Bartenders | 55 | 60 | 5 | 9.1 | 0 | 2 | 2 |
| 65008 | Waiters & Waitresses | 403 | 505 | 102 | 25.3 | 9 | 18 | 27 |
| 65011 | Food Servers | * | * | * | * | * | * | * |
| 65014 | Dining Room, Cafeteria Attendants & Bar Helpers | 126 | 144 | 18 | 14.3 | 2 | 5 | 7 |
| 65017 | Counter Attendants, Lunchroom, Cafeteria | 72 | 76 | 4 | 5.6 | 0 | 5 | 5 |
| 65021 | Bakers, Bread & Pastry | * | * | * | * | * | * | * |
| 65023 | Butchers & Meatcutters | 117 | 111 | -6 | -5.1 | -1 | 3 | 3 |
| 65026 | Cooks, Restaurant | 198 | 264 | 66 | 33.3 | 6 | 5 | 11 |
| 65028 | Cooks, Institution or Cafeteria | 448 | 454 | 6 | 1.3 | 1 | 11 | 12 |
| 65032 | Cooks, Fast Food | 296 | 381 | 85 | 28.7 | 8 | 7 | 15 |
| 65035 | Cooks, Short Order | 102 | 134 | 32 | 31.4 | 3 | 3 | 6 |
| 65038 | Food Preparation Workers | 485 | 664 | 179 | 36.9 | 16 | 6 | 22 |
| 65041 | Food Preparation & Service Workers, Fast Food | 778 | 987 | 209 | 26.9 | 19 | 9 | 28 |
| 65099 | All Other Food Service Workers | 76 | 89 | 13 | 17.1 | 1 | 3 | 4 |

Service Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|--------------|--------------|------------|-------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 66000 | Health Service Occupations | 1,134 | 1,776 | 642 | 56.6 | 57 | 19 | 76 |
| 66001 | Health Service Occupations | 1,134 | 1,776 | 642 | 56.6 | 57 | 19 | 76 |
| 66002 | Dental Assistants | 72 | 105 | 33 | 45.8 | 3 | 2 | 5 |
| 66005 | Medical Assistants | 139 | 227 | 88 | 63.3 | 8 | 3 | 11 |
| 66008 | Nursing Aides, Orderlies & Attendants | 598 | 919 | 321 | 53.7 | 29 | 9 | 38 |
| 66011 | Home Health Aides | 151 | 252 | 101 | 66.9 | 9 | 2 | 11 |
| 66014 | Psychiatric Aides | 31 | 41 | 10 | 32.3 | 1 | 0 | 1 |
| 66017 | Physical & Corrective Therapy Assistants & Aides | 35 | 71 | 36 | 102.9 | 3 | 1 | 4 |
| 66021 | Occupational Therapy Assistants & Aides | * | * | * | * | * | * | * |
| 66023 | Ambulance Drivers & Attendants, Except EMTs | * | * | * | * | * | * | * |
| 66026 | Pharmacy Assistants | 46 | 68 | 22 | 47.8 | 2 | 1 | 3 |
| 66099 | All Other Health Service Workers | 51 | 77 | 26 | 51.0 | 2 | 1 | 3 |
| 67000 | Cleaning & Building Service Occupations | 1,115 | 1,304 | 189 | 17.0 | 16 | 20 | 36 |
| 67001 | Janitors & Cleaners, Including Maids | 1,115 | 1,304 | 189 | 17.0 | 16 | 20 | 36 |
| 67002 | Maids & Housekeeping Cleaners | 282 | 362 | 80 | 28.4 | 7 | 5 | 12 |
| 67005 | Janitors & Cleaners | 749 | 853 | 104 | 13.9 | 9 | 14 | 23 |
| 67008 | Pest Controllers & Assistants | * | * | * | * | * | * | * |
| 67099 | All Other Cleaning & Building Service Workers | 77 | 79 | 2 | 2.6 | 0 | 1 | 1 |
| 68000 | Selected Personal Service Occupations | 822 | 1,146 | 324 | 39.4 | 28 | 15 | 43 |
| 68001 | Personal Service Occupations | 822 | 1,146 | 324 | 39.4 | 28 | 15 | 43 |
| 68005 | Hairdressers, Hairstylists & Cosmetologists | 383 | 497 | 114 | 29.8 | 10 | 9 | 19 |
| 68008 | Manicurists | * | * | * | * | * | * | * |
| 68011 | Shampooers | * | * | * | * | * | * | * |
| 68014 | Amusement & Recreation Attendants | 28 | 38 | 10 | 35.7 | 1 | 1 | 2 |
| 68017 | Guides | * | * | * | * | * | * | * |
| 68021 | Ushers, Lobby Attendants, Ticket Takers | * | * | * | * | * | * | * |
| 68023 | Baggage Porters & Bellhops | * | * | * | * | * | * | * |
| 68026 | Flight Attendants | * | * | * | * | * | * | * |
| 68035 | Personal & Home Care Aides | 37 | 71 | 34 | 91.9 | 3 | 1 | 4 |
| 68038 | Child Care Workers | 308 | 449 | 141 | 45.8 | 13 | 3 | 16 |
| 68041 | Funeral Attendants | 21 | 25 | 4 | 19.1 | 0 | 0 | 0 |
| 69000 | All Other Service Occupations | 48 | 53 | 5 | 10.4 | 0 | 1 | 1 |
| 69001 | All Other Service Workers | 48 | 53 | 5 | 10.4 | 0 | 1 | 1 |
| 69999 | All Other Service Workers | 48 | 53 | 5 | 10.4 | 0 | 1 | 1 |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|---|-------------------|-------------------|---------------------|----------------------|--------------------------|--------------|--------------|
| Code | Title | 1994 Estimated | 2005 Projected | 1994-2005 Number | 1994-2005 Percent | Average Annual 1994-2005 | | |
| | | | | | | Growth | Separations | Total |
| 00000 | Total, All Occupations | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 70010 | Agriculture, Forestry, Fishing & Related Occupations | 809 | 826 | 17 | 2.1 | 0 | 20 | 20 |
| 71000 | Farm Operators & Managers | 216 | 181 | -35 | -16.2 | -3 | 9 | 9 |
| 71001 | Farm Managers | 216 | 181 | -35 | -16.2 | -3 | 9 | 9 |
| 71002 | Farmers | 153 | 120 | -33 | -21.6 | -3 | 8 | 8 |
| 71005 | Farm Managers | 63 | 61 | -2 | -3.2 | 0 | 1 | 1 |
| 72000 | Supervisors: Farming, Forestry & Agricultural | 33 | 38 | 5 | 15.2 | 0 | 1 | 1 |
| 72001 | First Line Agriculture Supervisors | 33 | 38 | 5 | 15.2 | 0 | 1 | 1 |
| 72002 | First Line Supervisors: Agriculture/Forestry/Fishing | 29 | 34 | 5 | 17.2 | 0 | 1 | 1 |
| 72008 | Supervisors, Farm Workers | * | * | * | * | * | * | * |
| 73000 | Forestry & Logging Occupations | 57 | 41 | -16 | -28.1 | -2 | 1 | 1 |
| 73001 | Forestry & Logging Occupations | 57 | 41 | -16 | -28.1 | -2 | 1 | 1 |
| 73002 | Fallers & Buckers | * | * | * | * | * | * | * |
| 73005 | Choke Setters | * | * | * | * | * | * | * |
| 73008 | Log Handling Equipment Operators | * | * | * | * | * | * | * |
| 73011 | Logging Tractor Operators | * | * | * | * | * | * | * |
| 74000 | Farm Occupations | 170 | 137 | -33 | -19.4 | -3 | 4 | 4 |
| 74001 | Farm Occupations | 170 | 137 | -33 | -19.4 | -3 | 4 | 4 |
| 74002 | Farm Workers, Excluding Agricultural Services | 170 | 137 | -33 | -19.4 | -3 | 4 | 4 |
| 77000 | Fishers, Hunters & Trappers | * | * | * | * | * | * | * |
| 77001 | Fishers, Hunters & Trappers | * | * | * | * | * | * | * |
| 77005 | Fishers, Hunters, & Trappers | * | * | * | * | * | * | * |
| 79000 | Other Agriculture & Forestry Occupations | 332 | 428 | 96 | 28.9 | 8 | 5 | 13 |
| 79001 | Gardening, Nursery, Greenhouse/Lawn Occupations | 332 | 428 | 96 | 28.9 | 8 | 5 | 13 |
| 79002 | Forest & Conservation Workers | * | * | * | * | * | * | * |
| 79005 | Nursery Workers | * | * | * | * | * | * | * |
| 79008 | Log Graders & Scalers | * | * | * | * | * | * | * |
| 79017 | Animal Caretakers, Except Farm | 39 | 38 | -1 | -2.6 | 0 | 1 | 1 |
| 79030 | Gardeners & Groundskeepers, Except Farm | 138 | 181 | 43 | 31.2 | 4 | 2 | 6 |
| 79033 | Pruners | * | * | * | * | * | * | * |
| 79036 | Sprayers/Applicators | * | * | * | * | * | * | * |
| 79038 | Lawn Maintenance Workers | 57 | 84 | 27 | 47.4 | 2 | 1 | 3 |
| 79806 | Veterinary Assistants | * | * | * | * | * | * | * |
| 79999 | All Other Agricultural, Forestry, Fishing | 40 | 49 | 9 | 22.5 | 1 | 1 | 2 |

Agriculture, Forestry, Fishing & Related Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|---|---------------|---------------|--------------|--------------|--------------------------|--------------|--------------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 00000 | Total, All Occupations | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 80001 | Precision Production, Craft & Repair Occupations | 8,503 | 7,649 | -854 | -10.0 | -81 | 166 | 166 |
| 81000 | Blue Collar Worker Supervisors | 1,365 | 1,119 | -246 | -18.0 | -24 | 33 | 33 |
| 81001 | Blue Collar Worker Supervisors | 1,365 | 1,119 | -246 | -18.0 | -24 | 33 | 33 |
| 81002 | First Line Supervisors, Mechanics & Repairers | 247 | 240 | -7 | -2.8 | -1 | 5 | 5 |
| 81005 | First Line Supervisors, Construction | 678 | 485 | -193 | -28.5 | -18 | 17 | 17 |
| 81008 | First Line Supervisors, Production | 219 | 190 | -29 | -13.2 | -3 | 5 | 5 |
| 81011 | First Line Supervisors, Transportation | 163 | 135 | -28 | -17.2 | -3 | 4 | 4 |
| 81017 | First Line Supervisors, Helpers & Laborers | * | * | * | * | * | * | * |
| 81099 | First Line Supervisors, All Other | 36 | 48 | 12 | 33.3 | 1 | 1 | 2 |
| 83000 | Inspectors & Related Occupations | 101 | 90 | -11 | -10.9 | -1 | 1 | 1 |
| 83001 | Inspectors, Related Occupations | 101 | 90 | -11 | -10.9 | -1 | 1 | 1 |
| 83002 | Inspectors, Testers, & Graders, Precision | * | * | * | * | * | * | * |
| 83005 | Production Inspectors, Testers | 71 | 63 | -8 | -11.3 | -1 | 1 | 1 |
| 83008 | Transportation Inspectors | * | * | * | * | * | * | * |
| 83099 | All Other Inspectors, Testers & Related | * | * | * | * | * | * | * |
| 85000 | Mechanics, Installers, Repairers | 3,078 | 3,033 | -45 | -1.5 | -5 | 66 | 66 |
| 85100 | Machinery: Mechanics, Installers, Repairers | 1,400 | 1,122 | -278 | -19.9 | -25 | 34 | 34 |
| 85110 | Industrial Machinery Mechanics | 57 | 63 | 6 | 10.5 | 1 | 2 | 3 |
| 85117 | Mine Machinery Mechanics | 433 | 264 | -169 | -39.0 | -15 | 11 | 11 |
| 85118 | Machinery Mechanics, Water & Power Plants | 27 | 32 | 5 | 18.5 | 0 | 1 | 1 |
| 85119 | All Other Machinery Maintenance Mechanics | 96 | 59 | -37 | -38.5 | -3 | 3 | 3 |
| 85123 | Millwrights | * | * | * | * | * | * | * |
| 85128 | Machinery Maintenance Workers | 153 | 96 | -57 | -37.3 | -5 | 4 | 4 |
| 85132 | Maintenance Repairers, General Utility | 620 | 592 | -28 | -4.5 | -3 | 13 | 13 |
| 85300 | Vehicle & Mobile Equipment Mechanics/Repairers | 1,088 | 1,226 | 138 | 12.7 | 12 | 25 | 37 |
| 85302 | Automotive Mechanics | 389 | 486 | 97 | 24.9 | 9 | 10 | 19 |
| 85305 | Automotive Body & Related Repairers | 127 | 151 | 24 | 18.9 | 2 | 3 | 5 |
| 85308 | Motorcycle Repairers | * | * | * | * | * | * | * |
| 85311 | Bus & Truck Mechanics, Diesel Engine Specialists | 216 | 257 | 41 | 19.0 | 4 | 4 | 8 |
| 85314 | Mobile Heavy Equipment Mechanics | 250 | 210 | -40 | -16.0 | -4 | 6 | 6 |
| 85317 | Rail Car Repairers | 42 | 35 | -7 | -16.7 | -1 | 1 | 1 |
| 85321 | Farm Equipment Mechanics | 34 | 35 | 1 | 2.9 | 0 | 1 | 1 |
| 85323 | Aircraft Mechanics | * | * | * | * | * | * | * |
| 85326 | Aircraft Engine Specialists | * | * | * | * | * | * | * |
| 85328 | Small Engine Specialists | * | * | * | * | * | * | * |
| 85500 | Communications Equipment Mechanics | 38 | 30 | -8 | -21.1 | -1 | 0 | 0 |
| 85502 | Central Office & PBX Installers & Repairers | * | * | * | * | * | * | * |
| 85505 | Frame Wires, Central Office | * | * | * | * | * | * | * |
| 85511 | Signal or Track Switch Maintainers | * | * | * | * | * | * | * |
| 85514 | Radio Mechanics | * | * | * | * | * | * | * |
| 85599 | All Other Communications Equipment Mechanics | * | * | * | * | * | * | * |
| 85701 | Electrical & Electronic Equipment Mechanics | 236 | 248 | 12 | 5.1 | 1 | 3 | 4 |
| 85702 | Telephone & Cable TV Line Installers/Repairers | 71 | 62 | -9 | -12.7 | -1 | 1 | 1 |
| 85705 | Data Processing Equipment Repairers | * | * | * | * | * | * | * |
| 85708 | Electronic Home Entertainment Equip. Repairers | * | * | * | * | * | * | * |
| 85711 | Electric Home Appliance & Power Tool Repairers | * | * | * | * | * | * | * |
| 85714 | Electric Motor, Transformer & Related Repairers | * | * | * | * | * | * | * |
| 85717 | Electronics Repairers, Commercial & Industrial | * | * | * | * | * | * | * |
| 85721 | Powerhouse, Substation, & Related Electricians | * | * | * | * | * | * | * |
| 85723 | Electrical Powerline Installers & Repairers | 81 | 109 | 28 | 34.6 | 3 | 2 | 5 |

Description: Description of Craft & Repair Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|---|--------------|--------------|-------------|--------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 85726 | Station Installers & Repairers, Telephone | * | * | * | * | * | * | * |
| 85728 | Electrical Installers/Repairers, Transportation | * | * | * | * | * | * | * |
| 85799 | All Other Electrical/Electronic Equip. Mechanics | * | * | * | * | * | * | * |
| 85900 | Other Mechanics, Installers & Repairers | 316 | 407 | 91 | 28.8 | 8 | 4 | 12 |
| 85902 | Heat, A/C, Refrigeration Mechanics & Installers | 65 | 99 | 34 | 52.3 | 3 | 1 | 4 |
| 85905 | Precision Instrument Repairers | * | * | * | * | * | * | * |
| 85908 | Electromedical & Biomedical Equipment Repairers | * | * | * | * | * | * | * |
| 85911 | Electric Meter Installers & Repairers | * | * | * | * | * | * | * |
| 85914 | Camera & Photographic Equipment Repairers | * | * | * | * | * | * | * |
| 85917 | Watchmakers | * | * | * | * | * | * | * |
| 85921 | Musical Instrument Repairers & Tuners | * | * | * | * | * | * | * |
| 85923 | Locksmiths & Safe Repairers | * | * | * | * | * | * | * |
| 85926 | Office Machine & Cash Register Services | * | * | * | * | * | * | * |
| 85928 | Mechanical Control & Valve Installers & Repairers | * | * | * | * | * | * | * |
| 85932 | Elevator Installers & Repairers | * | * | * | * | * | * | * |
| 85938 | Mobile Home Installers & Repairers | 36 | 76 | 40 | 111.1 | 4 | 1 | 5 |
| 85944 | Gas Appliance Repairers | * | * | * | * | * | * | * |
| 85947 | Coin & Vending Machine Servicers & Repairers | * | * | * | * | * | * | * |
| 85951 | Bicycle Repairers | * | * | * | * | * | * | * |
| 85953 | Tire Repairers & Changers | 47 | 58 | 11 | 23.4 | 1 | 1 | 2 |
| 85956 | Menders, Garments, Linens & Related | * | * | * | * | * | * | * |
| 85999 | All Other Mechanics, Installers & Repairers | 76 | 77 | 1 | 1.3 | 0 | 1 | 1 |
| 87000 | Construction Trades & Extractive Occupations | 3,689 | 3,090 | -599 | -16.2 | -56 | 63 | 63 |
| 87001 | Construction Trades Workers | 564 | 564 | 0 | 0.0 | 0 | 10 | 10 |
| 87102 | Carpenters | 417 | 469 | 52 | 12.5 | 5 | 8 | 13 |
| 87105 | Ceiling Tile Installers & Acoustical Carpenters | * | * | * | * | * | * | * |
| 87108 | Drywall Installers | * | * | * | * | * | * | * |
| 87111 | Tapers | * | * | * | * | * | * | * |
| 87121 | Brattice Builders | 124 | 66 | -58 | -46.8 | -5 | 2 | 2 |
| 87200 | Electrical Workers | 182 | 160 | -22 | -12.1 | -2 | 4 | 4 |
| 87202 | Electricians | 182 | 160 | -22 | -12.1 | -2 | 4 | 4 |
| 87300 | Masonry Workers | 94 | 124 | 30 | 31.9 | 3 | 2 | 5 |
| 87302 | Brick Masons | 40 | 49 | 9 | 22.5 | 1 | 1 | 2 |
| 87311 | Concrete & Terrazzo Finishers | 47 | 66 | 19 | 40.4 | 2 | 1 | 3 |
| 87314 | Reinforcing Metal Workers | * | * | * | * | * | * | * |
| 87317 | Plasterers | * | * | * | * | * | * | * |
| 87400 | Painters & Related Workers | 121 | 107 | -14 | -11.6 | -1 | 3 | 3 |
| 87402 | Painters & Paperhangers, Construction | 121 | 107 | -14 | -11.6 | -1 | 3 | 3 |
| 87500 | Plumbers & Related Workers | 202 | 216 | 14 | 6.9 | 1 | 4 | 5 |
| 87502 | Plumbers, Pipefitters, Steamfitters | 131 | 143 | 12 | 9.2 | 1 | 2 | 3 |
| 87508 | Pipelayers | 65 | 64 | -1 | -1.5 | 0 | 2 | 2 |
| 87511 | Septic Tank Services & Sewer Pipe Cleaners | * | * | * | * | * | * | * |
| 87600 | Floor Related Workers | * | * | * | * | * | * | * |
| 87602 | Carpet Installers | * | * | * | * | * | * | * |
| 87700 | Road, Rail, Construction, Maintenance | 138 | 167 | 29 | 21.0 | 2 | 4 | 6 |
| 87708 | Paving, Surfacing, Tamping Equipment Operators | 26 | 52 | 26 | 100.0 | 2 | 1 | 3 |
| 87711 | Highway Maintenance Workers | 73 | 88 | 15 | 20.6 | 1 | 2 | 3 |
| 87714 | Rail-Track Laying & Equipment Operators | 39 | 27 | -12 | -30.8 | -1 | 1 | 1 |
| 87800 | Other Construction Trades Workers | 103 | 135 | 32 | 31.1 | 2 | 1 | 3 |
| 87802 | Insulation Workers | * | * | * | * | * | * | * |
| 87805 | Sheet Metal Duct Installers | * | * | * | * | * | * | * |
| 87808 | Roofers | * | * | * | * | * | * | * |
| 87811 | Glaziers | * | * | * | * | * | * | * |

Precision Production, Craft & Repair Occupations

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Production, Construction, Craft & Repair Occupations

| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|--------------|--------------|-------------|--------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 87814 | Structural Metal Workers | * | * | * | * | * | * | * |
| 87817 | Fence Erectors | * | * | * | * | * | * | * |
| 87899 | All Other Construction Trades Workers | 36 | 45 | 9 | 25.0 | 1 | 1 | 2 |
| 87900 | Extractive & Related Workers, Including Blasters | 2,266 | 1,597 | -669 | -29.5 | -61 | 34 | 34 |
| 87902 | Earth Drillers, Except Oil & Gas | 164 | 114 | -50 | -30.5 | -5 | 4 | 4 |
| 87905 | Blasters & Explosives Workers | 93 | 66 | -27 | -29.0 | -2 | 1 | 1 |
| 87908 | Rock Splitters, Quarry | * | * | * | * | * | * | * |
| 87911 | Rotary Drill Operators, Oil & Gas Extraction | * | * | * | * | * | * | * |
| 87914 | Derrick Operators, Oil & Gas Extraction | * | * | * | * | * | * | * |
| 87917 | Service Unit Operators | 61 | 56 | -5 | -8.2 | 0 | 1 | 1 |
| 87921 | Roustabouts | 68 | 25 | -43 | -63.2 | -4 | 1 | 1 |
| 87923 | Roof Bolters | 405 | 274 | -131 | -32.4 | -12 | 6 | 6 |
| 87941 | Continuous Mining Machine Operators | 236 | 158 | -78 | -33.1 | -7 | 4 | 4 |
| 87943 | Mine Cutting & Channeling Machine Operators | 118 | 68 | -50 | -42.4 | -5 | 2 | 2 |
| 87949 | All Other Mining Machine Operators | 194 | 131 | -63 | -32.5 | -6 | 3 | 3 |
| 87989 | All Other Extractive Workers, Except Helpers | 831 | 631 | -200 | -24.1 | -18 | 12 | 12 |
| 87999 | All Other Construction & Extractive Workers | 26 | 27 | 1 | 3.9 | 0 | 0 | 0 |
| 89000 | Precision Production Occupations | 270 | 317 | 47 | 17.4 | 5 | 3 | 8 |
| 89100 | Metal Workers, Precision | 138 | 152 | 14 | 10.1 | 2 | 2 | 4 |
| 89102 | Tool & Die Makers | * | * | * | * | * | * | * |
| 89108 | Machinists | 50 | 57 | 7 | 14.0 | 1 | 1 | 2 |
| 89111 | Tool Grinders, Filers, Sharpeners | * | * | * | * | * | * | * |
| 89117 | Layout Workers, Metal, Precision | * | * | * | * | * | * | * |
| 89123 | Jewelers & Silversmiths | * | * | * | * | * | * | * |
| 89126 | Hand Workers, Jewelry, Precision | * | * | * | * | * | * | * |
| 89132 | Sheet Metal Workers | * | * | * | * | * | * | * |
| 89135 | Boilermakers | * | * | * | * | * | * | * |
| 89199 | All Other Precision Metal Workers | 42 | 50 | 8 | 19.1 | 1 | 1 | 2 |
| 89300 | Woodworkers, Precision | * | * | * | * | * | * | * |
| 89308 | Wood Machinists | * | * | * | * | * | * | * |
| 89311 | Cabinetmakers & Bench Carpenters | * | * | * | * | * | * | * |
| 89314 | Furniture Finishers | * | * | * | * | * | * | * |
| 89500 | Textile, Apparel, & Furnishing Workers, Precision | 30 | 27 | -3 | -10.0 | 0 | 0 | 0 |
| 89505 | Custom Tailors & Sewers | * | * | * | * | * | * | * |
| 89508 | Upholsterers | * | * | * | * | * | * | * |
| 89511 | Shoe & Leather Workers & Repairers, Precision | * | * | * | * | * | * | * |
| 89514 | Spotters, Dry Cleaning | * | * | * | * | * | * | * |
| 89517 | Pressers, Delicate Fabric | * | * | * | * | * | * | * |
| 89700 | Printing Workers, Precision | * | * | * | * | * | * | * |
| 89702 | Compositors & Typesetters, Precision | * | * | * | * | * | * | * |
| 89705 | Job Printers | * | * | * | * | * | * | * |
| 89706 | Paste-up Workers | * | * | * | * | * | * | * |
| 89707 | Electronic Pagination Systems Workers | * | * | * | * | * | * | * |
| 89713 | Camera Operators | * | * | * | * | * | * | * |
| 89717 | Strippers, Printing | * | * | * | * | * | * | * |
| 89718 | Platemakers | * | * | * | * | * | * | * |
| 89801 | Food Workers, Precision | 46 | 67 | 21 | 45.7 | 2 | 1 | 3 |
| 89805 | Bakers, Manufacturing | 42 | 62 | 20 | 47.6 | 2 | 1 | 3 |
| 89808 | Food Batchmakers | * | * | * | * | * | * | * |
| 89900 | Other Precision Workers | * | * | * | * | * | * | * |
| 89914 | Photographic Process Workers | * | * | * | * | * | * | * |
| 89917 | Optical Goods Workers | * | * | * | * | * | * | * |
| 89921 | Dental Laboratory Technicians | * | * | * | * | * | * | * |
| 89999 | All Other Precision Workers | * | * | * | * | * | * | * |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|---|---|---------------|---------------|--------------|--------------|--------------------------|--------------|--------------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 00000 Total, All Occupations | | 52,886 | 58,787 | 5,901 | 11.2 | 522 | 1,119 | 1,641 |
| 90000 Operators, Fabricators, & Laborers | | 9,132 | 8,859 | -273 | -3.0 | -24 | 182 | 182 |
| 91000 | Machine Setters, Set-Up Operators & Tenders | 762 | 720 | -42 | -5.5 | -3 | 14 | 14 |
| 91100 | Selected Machine Setters/Operators/Tenders | 76 | 62 | -14 | -18.4 | -1 | 1 | 1 |
| 91102 | Sawing Machine Tool Setters/Operators, M/P | * | * | * | * | * | * | * |
| 91105 | Lathe/Turning Machine Tool Setters/Operators, M/P | * | * | * | * | * | * | * |
| 91108 | Drilling/Boring Machine Setters/Operators, M/P | * | * | * | * | * | * | * |
| 91114 | Grinding Machine Setters/Operators, Metal/Plastic | * | * | * | * | * | * | * |
| 91117 | Machine Tool Cutting Operators/Tenders, Met/Plas | 46 | 34 | -12 | -26.1 | -1 | 1 | 1 |
| 91200 | Machine Tool Cut & Form Setters/Operators/Tenders | 35 | 40 | 5 | 14.3 | 1 | 0 | 1 |
| 91302 | Punching Machine Setters/Operators, Metal/Plas | * | * | * | * | * | * | * |
| 91305 | Press Machine Setters & Operators, Metal/Plastic | * | * | * | * | * | * | * |
| 91308 | Shear Machine Setters & Operators, Metal/Plastic | * | * | * | * | * | * | * |
| 91317 | Forging Machine Setters/Operators, Metal/Plastic | * | * | * | * | * | * | * |
| 91321 | Machine Forming Operators Tenders, Metal/Plastic | * | * | * | * | * | * | * |
| 91500 | Numerical/Combination Machine Setters/Operators | * | * | * | * | * | * | * |
| 91502 | Numerical Control Machine Operators/Tenders, M/P | * | * | * | * | * | * | * |
| 91508 | Combination Machine Tool Operators/Tenders, M/P | * | * | * | * | * | * | * |
| 91700 | Metal Fabricating Machine Setters & Operators | * | * | * | * | * | * | * |
| 91705 | Welding Machine Operators & Tenders | * | * | * | * | * | * | * |
| 91708 | Soldering & Brazing Machine Setters & Operators | * | * | * | * | * | * | * |
| 91714 | Metal Fabricators, Structural Metal Products | * | * | * | * | * | * | * |
| 91900 | Metal & Plastic Processing Machine Setters/Operators | * | * | * | * | * | * | * |
| 91908 | Metal Molding Machine Setters & Operators | * | * | * | * | * | * | * |
| 91917 | Electric Plating Machine Setters & Operators, M/P | * | * | * | * | * | * | * |
| 91921 | Electric Plating Machine Operators/Tenders, M/P | * | * | * | * | * | * | * |
| 92100 | All Other Metal & Plastic Machine Setters/Operators | * | * | * | * | * | * | * |
| 92197 | All Other Metal & Plastic Machine Setters | * | * | * | * | * | * | * |
| 92198 | All Other Metal & Plastic Machine Operators | * | * | * | * | * | * | * |
| 92300 | Woodworking Machine Setters & Operators | * | * | * | * | * | * | * |
| 92305 | Head Sawyers | * | * | * | * | * | * | * |
| 92308 | Sawing Machine Operators & Tenders | * | * | * | * | * | * | * |
| 92314 | Woodworking Machine Operators & Tenders | * | * | * | * | * | * | * |
| 92500 | Printing, Binding & Related Occupations | * | * | * | * | * | * | * |
| 92512 | Offset Lithographic Press Operators | * | * | * | * | * | * | * |
| 92519 | All Other Printing Press Setters & Set-Up Operators | * | * | * | * | * | * | * |
| 92524 | Screen Printing Machine Setters & Operators | * | * | * | * | * | * | * |
| 92525 | Bindery Machine Setters & Set-Up Operators | * | * | * | * | * | * | * |
| 92529 | All Other Printing, Related Setters & Operators | * | * | * | * | * | * | * |
| 92543 | Printing Press Machine Operators & Tenders | * | * | * | * | * | * | * |
| 92546 | Bindery Machine Operators | * | * | * | * | * | * | * |
| 92701 | Textile & Related Setters & Operators | 104 | 126 | 22 | 21.2 | 2 | 3 | 5 |
| 92708 | Extruding & Forming Machine Operators/Tenders | * | * | * | * | * | * | * |
| 92717 | Sewing Machine Operators, Garment | * | * | * | * | * | * | * |
| 92721 | Sewing Machine Operators, Non-Garment | * | * | * | * | * | * | * |
| 92726 | Laundry/Drycleaning Machine Operators/Tenders | 65 | 76 | 11 | 16.9 | 1 | 2 | 3 |
| 92728 | Pressing Machine Operators/Tenders, Textile | 26 | 33 | 7 | 26.9 | 1 | 1 | 2 |
| 92901 | Other Machine Setters, Operators/Tenders | 422 | 383 | -39 | -9.2 | -4 | 9 | 9 |
| 92905 | Motion Picture Projectionists | * | * | * | * | * | * | * |
| 92908 | Photographic Processing Machine Oprs/Tenders | * | * | * | * | * | * | * |
| 92921 | Roasting Machine Operators, Food/Tobacco | * | * | * | * | * | * | * |

Operators, Fabricators, & Laborers

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



Operators, Fabricators & Laborers

| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|---|--------------|--------------|-------------|--------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 92923 | Furnace, Kiln or Kettle Operators/Tenders | * | * | * | * | * | * | * |
| 92926 | Boiler Operators & Tenders, Low Pressure | * | * | * | * | * | * | * |
| 92935 | Chemical Equipment Controllers/Operators | * | * | * | * | * | * | * |
| 92938 | Chemical Equipment Tenders | * | * | * | * | * | * | * |
| 92944 | Cutting & Slicing Machine Operators/Tenders | * | * | * | * | * | * | * |
| 92947 | Painters,Transportation Equipment | * | * | * | * | * | * | * |
| 92951 | Painting Machine Setters/ Set-Up Operators | * | * | * | * | * | * | * |
| 92953 | Painting Machine Operators/Tenders | * | * | * | * | * | * | * |
| 92956 | Cement & Gluing Machine Operators/Tenders | * | * | * | * | * | * | * |
| 92958 | Cleaning & Pickling Equipment Operators/Tenders | * | * | * | * | * | * | * |
| 92962 | Separating & Still Machine Operators/Tenders | 112 | 83 | -29 | -25.9 | -3 | 4 | 4 |
| 92965 | Crushing & Mixing Machine Operators/Tenders | 76 | 57 | -19 | -25.0 | -2 | 2 | 2 |
| 92968 | Extruding & Forming Machine Setters | * | * | * | * | * | * | * |
| 92971 | Extruding & Forming Machine Operators/Tenders | * | * | * | * | * | * | * |
| 92974 | Packaging & Filling Machine Operators/Tenders | 54 | 84 | 30 | 55.6 | 3 | 1 | 4 |
| 92997 | All Other Machine Setters and Set-Up Operators | * | * | * | * | * | * | * |
| 92998 | All Other Machine Operators & Tenders | 58 | 48 | -10 | -17.2 | -1 | 1 | 1 |
| 93000 | Handworking Occupations, Including Assemblers | 563 | 557 | -6 | -1.1 | -1 | 12 | 12 |
| 93100 | Assemblers, Precision | * | * | * | * | * | * | * |
| 93105 | Machine Builders, Assemblers, Precision | * | * | * | * | * | * | * |
| 93108 | Fitters, Structural Metal, Precision | * | * | * | * | * | * | * |
| 93900 | Hand Workers, Including Assemblers & Fabricators | 553 | 547 | -6 | -1.1 | -1 | 12 | 12 |
| 93902 | Machine Assemblers | * | * | * | * | * | * | * |
| 93905 | Electrical & Electronic Assemblers | * | * | * | * | * | * | * |
| 93914 | Welders & Cutters | 269 | 262 | -7 | -2.6 | -1 | 6 | 6 |
| 93917 | Solderers & Brazers | * | * | * | * | * | * | * |
| 93947 | Painting, Coating, & Decorating Workers, Hand | * | * | * | * | * | * | * |
| 93953 | Grinders & Polishers, Hand | * | * | * | * | * | * | * |
| 93956 | All Other Assemblers & Fabricators | 196 | 188 | -8 | -4.1 | -1 | 4 | 4 |
| 93999 | All Other Hand Workers | 72 | 83 | 11 | 15.3 | 1 | 2 | 3 |
| 95000 | Plant & System Occupations | 226 | 198 | -28 | -12.4 | -2 | 4 | 4 |
| 95001 | Plant & System Occupations | 226 | 198 | -28 | -12.4 | -2 | 4 | 4 |
| 95002 | Water & Liquid Waste Treatment Operators | 51 | 59 | 8 | 15.7 | 1 | 1 | 2 |
| 95005 | Gas Plant Operators | * | * | * | * | * | * | * |
| 95008 | Chemical Plant & System Operators | * | * | * | * | * | * | * |
| 95014 | Petroleum Refinery & Control Panel Operators | * | * | * | * | * | * | * |
| 95017 | Gaugers | * | * | * | * | * | * | * |
| 95021 | Power Generating Plant Operators | * | * | * | * | * | * | * |
| 95023 | Auxiliary Equipment Operators, Power | * | * | * | * | * | * | * |
| 95028 | Power Distributors & Dispatchers | * | * | * | * | * | * | * |
| 95032 | Stationary Engineers | 50 | 41 | -9 | -18.0 | -1 | 1 | 1 |
| 95099 | All Other Plant & System Operators | 91 | 66 | -25 | -27.5 | -2 | 2 | 2 |
| 97000 | Transportation/Material Moving Machine Operators | 5,660 | 5,505 | -155 | -2.7 | -16 | 97 | 97 |
| 97100 | Motor Vehicle Operators | 3,112 | 3,445 | 333 | 10.7 | 30 | 52 | 82 |
| 97102 | Truck Drivers, Heavy | 1,784 | 1,927 | 143 | 8.0 | 13 | 29 | 42 |
| 97105 | Truck Drivers, Light | 617 | 733 | 116 | 18.8 | 11 | 10 | 21 |
| 97108 | Bus Drivers, Except School | 85 | 101 | 16 | 18.8 | 1 | 2 | 3 |
| 97111 | Bus Drivers, School | 411 | 460 | 49 | 11.9 | 4 | 7 | 11 |
| 97114 | Taxi Drivers & Chauffeurs | 89 | 98 | 9 | 10.1 | 1 | 1 | 2 |
| 97117 | Driver/Sales Workers | 122 | 121 | -1 | -0.8 | 0 | 3 | 3 |
| 97199 | All Other Motor Vehicle Operators | * | * | * | * | * | * | * |
| 97300 | Rail Transportation Workers | 130 | 88 | -42 | -32.3 | -5 | 0 | 0 |
| 97302 | Railroad Conductors & Yardmaster | * | * | * | * | * | * | * |

Big Sandy Area

Occupational Employment Outlook And Job Openings

1994 To 2005



| Occupational | | Employment* | | Change | | Job Openings | | |
|--------------|--|--------------|--------------|-------------|--------------|--------------------------|-------------|-----------|
| | | 1994 | 2005 | 1994-2005 | | Average Annual 1994-2005 | | |
| Code | Title | Estimated | Projected | Number | Percent | Growth | Separations | Total |
| 97305 | Locomotive Engineers | * | * | * | * | * | * | * |
| 97308 | Rail Yard Engineers, Dinkey Operators, & Hostlers | * | * | * | * | * | * | * |
| 97317 | Railroad Brake, Signal, & Switch Operators | 43 | 26 | -17 | -39.5 | -2 | 0 | 0 |
| 97399 | All Other Rail Vehicle Operators | * | * | * | * | * | * | * |
| 97700 | Pilot, Flight Engineer Occupations | * | * | * | * | * | * | * |
| 97702 | Aircraft Pilots & Flight Engineers | * | * | * | * | * | * | * |
| 97800 | All Other Transportation Workers | 222 | 152 | -70 | -31.5 | -6 | 6 | 6 |
| 97805 | Service Station Attendants | 174 | 115 | -59 | -33.9 | -5 | 5 | 5 |
| 97899 | All Other Transportation & Related Workers | 48 | 37 | -11 | -22.9 | -1 | 1 | 1 |
| 97900 | Material Moving Equipment Operators | 2,178 | 1,795 | -383 | -17.6 | -36 | 38 | 38 |
| 97905 | Tank Car & Truck Loaders | * | * | * | * | * | * | * |
| 97908 | Oil Pumpers, Except Well Head | * | * | * | * | * | * | * |
| 97911 | Well Head Pumpers | 49 | 30 | -19 | -38.8 | -2 | 1 | 1 |
| 97917 | Gas Pumping Station Operators | * | * | * | * | * | * | * |
| 97921 | Gas Compressor Operators | * | * | * | * | * | * | * |
| 97923 | Excavation & Loading Machine Operators | 324 | 282 | -42 | -13.0 | -4 | 6 | 6 |
| 97926 | Dragline Operators | 41 | 28 | -13 | -31.7 | -1 | 1 | 1 |
| 97928 | Dredge Operators & Dipper Tenders | * | * | * | * | * | * | * |
| 97932 | Loading Machine Operators, Underground Mining | 170 | 115 | -55 | -32.4 | -5 | 3 | 3 |
| 97935 | Shuttle Car Operators | 320 | 215 | -105 | -32.8 | -10 | 5 | 5 |
| 97938 | Grader, Dozer, & Scraper Operators | 621 | 544 | -77 | -12.4 | -7 | 10 | 10 |
| 97941 | Hoist & Winch Operators | * | * | * | * | * | * | * |
| 97944 | Crane & Tower Operators | 39 | 47 | 8 | 20.5 | 1 | 1 | 2 |
| 97947 | Industrial Truck & Tractor Operators | 124 | 118 | -6 | -4.8 | -1 | 3 | 3 |
| 97951 | Conveyor Operators & Tenders | 78 | 52 | -26 | -33.3 | -2 | 1 | 1 |
| 97953 | Pump Operators | * | * | * | * | * | * | * |
| 97956 | Operating Engineers | 163 | 163 | 0 | 0.0 | 0 | 3 | 3 |
| 97989 | All Other Material Moving Equipment Operators | 73 | 78 | 5 | 6.9 | 0 | 1 | 1 |
| 97999 | All Other Transportation/Material Moving Operators | 104 | 74 | -30 | -28.9 | -3 | 2 | 2 |
| 98000 | Helpers, Laborers, & Material Movers, Hand | 1,921 | 1,879 | -42 | -2.2 | -2 | 55 | 55 |
| 98100 | Helpers, Laborers, & Hand Movers | 227 | 189 | -38 | -16.7 | -3 | 7 | 7 |
| 98102 | Mechanic & Repairer Helpers | 227 | 189 | -38 | -16.7 | -3 | 7 | 7 |
| 98300 | Helpers, Construction Trades | 310 | 317 | 7 | 2.3 | 0 | 8 | 8 |
| 98311 | Helpers, Brick & Stone Mason | * | * | * | * | * | * | * |
| 98312 | Helpers, Carpenters & Related | 92 | 106 | 14 | 15.2 | 1 | 2 | 3 |
| 98313 | Helpers, Electricians & Related | * | * | * | * | * | * | * |
| 98314 | Helpers, Painting & Paperhanging | * | * | * | * | * | * | * |
| 98315 | Helpers, Plumbers & Related | * | * | * | * | * | * | * |
| 98319 | Helpers, All Other Construction Trades | 155 | 133 | -22 | -14.2 | -2 | 4 | 4 |
| 98500 | Machine Feeders & Offbearers Total | 79 | 85 | 6 | 7.6 | 1 | 2 | 3 |
| 98502 | Machine Feeders & Offbearers | 79 | 85 | 6 | 7.6 | 1 | 2 | 3 |
| 98700 | Freight, Stock, & Material Movers, Hand | 471 | 477 | 6 | 1.3 | 1 | 17 | 18 |
| 98705 | Refuse Collectors | 82 | 112 | 30 | 36.6 | 3 | 2 | 5 |
| 98799 | All Other Freight, Stock, & Material Movers, Hand | 389 | 365 | -24 | -6.2 | -2 | 15 | 15 |
| 98900 | All Other Helpers, Laborers, & Movers, Hand | 834 | 811 | -23 | -2.8 | -1 | 21 | 21 |
| 98902 | Hand Packers & Packagers | 112 | 119 | 7 | 6.3 | 1 | 3 | 4 |
| 98905 | Vehicle Washers & Equipment Cleaners | 108 | 147 | 39 | 36.1 | 4 | 3 | 7 |
| 98999 | All Other Helpers, Laborers, & Material Movers | 614 | 545 | -69 | -11.2 | -6 | 15 | 15 |

Operators, Fabricators, & Laborers